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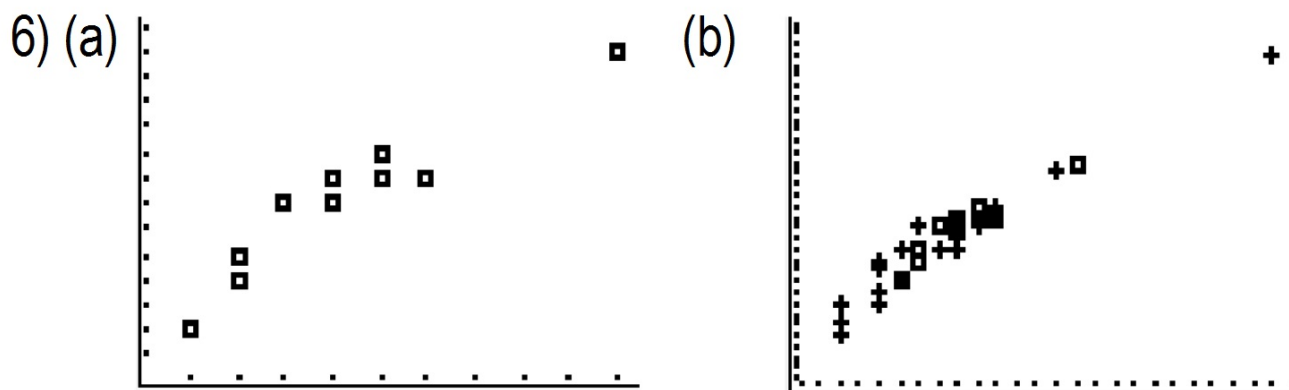
- 1) (a) Explanatory = time studying
Response = grade on exam
- (b) explanatory = height
response = weight
- (c) explanatory = inches of rain
response = yield of corn
- (d) explanatory/response = either!

- 2) (a) Explanatory = income
Response = years of education
- (b) explanatory = square footage of house
response = price of house
- (c) explanatory = height
response = arm span
- (d) explanatory = amount of rain
response = volume of water in rivers

3) (a) linear, moderately strong, positive

(b) (102, 0.5)

(c) A & B = high IQ, low GPA C = low IQ, high GPA

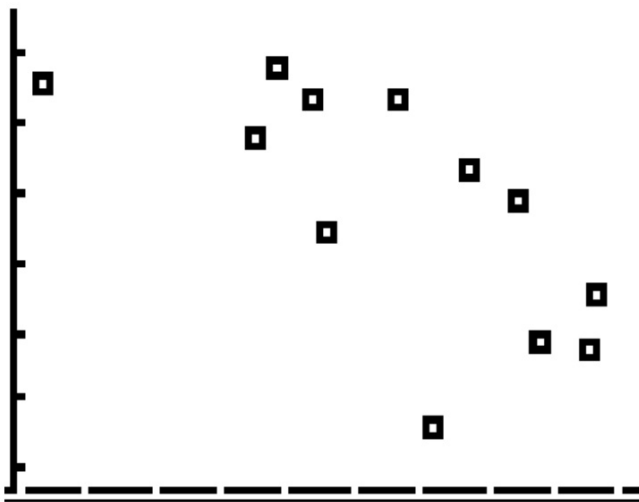


(c) linear, positive, strong, one outlier

two-seater cars are overall lower, except for the one outlier.

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8) (a)



(b) linear, negative, moderately strong. As the temperature increases, the age to crawl decreases. Meaning that babies take longer to crawl in lower temps (the winter)

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- 18) (a) $r = 0.9$
(b) $r = 0$
(c) $r = 0.7$
(d) $r = -0.3$
(e) $r = -0.9$